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From: Dave Crawford/DC/USEPA/US

To: Brandon Perkins/R10/USEPA/US@EPA

Delivered Date: 12/08/2010 04:42 AM PST

Subject: Fw: PPRTV explanation

PS, I forgot to mention, I am now your SCDM sponsor.

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----- Forwarded by Dave Crawford/DC/USEPA/US on 12/08/2010 07:42 AM -----

From: Dave Crawford/DC/USEPA/US
To: Brandon Perkins/R10/USEPA/US@EPA
Cc: Rich Kapuscinski/DC/USEPA/US@EPA, Marcia Bailey/R10/USEPA/US@EPA, David Yogi/DC/USEPA/US@EPA
Date: 12/08/2010 07:40 AM
Subject: Re: PPRTV explanation

Brandon, I used to be the HQ sponsor for PPRTVs, but no longer. Rich Kapuscinski is now, and I will copy him.

I am not sure it would be advisable yet for R10 to get too far out on this yet, because of the following, and I would recommend you discuss this matter with a R10 toxicologist who is familiar with PPRTVs, such as Marcia Bailey, whom I will also copy.

1. Nowadays, it takes about 12 months, more or less, after a PPRTV assessment is initiated before we (and you) get the PPRTV assessment. We could check, but I am not sure that STSC (the Center which does PPRTVs) has actually begun this assessment, although it did make the cut.

2. PPRTV assessments often are done for contaminants which do not occur all that often, like Sulfolane (as noted in what you included in your email), and sometimes a PPRTV assessment reviews the literature, but actually derives no toxicity value.

If you do discuss this with the community, you may need to include the possibility that PPRTV assessments do not always derive toxicity values.

What you pasted in below is actually a fairly good synopsis describing PPRTV assessments. and I believe was extracted from the boilerplate in PPRTV assessments. You can find some additional discussions in the attached PPRTV website homepage: <http://hhpprtv.ornl.gov/>

Note that this website is only accessible to EPA computers (Your contractors and States will not be able to open it up.) Note also, the 3rd paragraph under the disclaimer contains some text which is not true. We included this text when we were trying to open up the website to allow access by all computers (not just EPA), but we were not allowed to do that, and we did not yet delete this text.

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▼ Brandon Perkins---12/07/2010 07:51:29 PM---Hi Dave, I drafting a letter to a community organization updating them on our current progress at th

From: Brandon Perkins/R10/USEPA/US
To: Dave Crawford/DC/USEPA/US@EPA
Date: 12/07/2010 07:51 PM
Subject: PPRTV explanation

Hi Dave,

I drafting a letter to a community organization updating them on our current progress at the Flint Hills Refinery site. This is the site with sulfolane as the contaminate of concern. I wanted to write a brief explanation about PPRTV. I couldn't find anything on the EPA website, but I was able to google a few documents and pulled something together. Can you tell me if I'm summarizing this correctly?

EPA's Office of Research and Development/National Center for Environmental Assessment/Superfund Health Risk Technical Support Center develops PPRTVs on a chemical-specific basis when requested by the EPA's Superfund program for use in site specific risk assessments. Their development typically includes a limited evaluation of information on mode of action, other toxicological end points, and other information that provides a better understanding of the toxicology of these chemicals. Often, the amount of relevant information on the toxicity of these chemicals is less because fewer studies have been conducted and reported. However, the PPRTVs are generally the best quantification of the dose-response scientific data that is available at the time they are developed because the PPRTVs utilize current information and methodologies.

Thanks

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